

2 A user accesses a website using a web browser.

(a) Two functions of a web browser are to provide an address bar and to store cookies.

Give **three** other functions of a web browser.

- 1 .....
- 2 .....
- 3 .....

[3]

(b) The user enters a uniform resource locator (URL) into the address bar of the web browser.

(i) The URL is converted into an internet protocol (IP) address.

Describe the purpose of an IP address.

.....  
..... [1]

(ii) Explain how a URL is converted to an IP address.

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.....  
.....  
.....  
.....  
..... [3]

(c) The website stores cookies on the user's computer.

(i) State what is meant by a cookie.

.....  
..... [1]

(ii) Give **one** example of how a website can use a session cookie and **one** example of how a website can use a persistent cookie.

Each example must be different.

session cookie .....

.....

persistent cookie .....

..... [2]